

**ADDENDUM #1  
TO SPEC. 04-198**

**Professional Consultant Services  
for  
Digital Flood Insurance Rate Map (DFIRM)  
Production and Development of Updated Flood Data**

Addenda (or addendum if singular) are written instruments issued by the County prior to the date for receipt of offers which will modify or interpret the specification document by addition, deletion, clarification or correction. The original Request for Proposal remains in effect except as revised by the following changes, which shall take precedence over anything to the contrary in the Scope. The City intends to make an award to the most responsible and responsive firm through an open and competitive procurement process; one that will satisfy the requirements in the most economical manner. Please acknowledge receipt of this addendum in your proposal document.

A pre-bid conference was held at the City of Lincoln, Public Works, Engineering Services, 531 Westgate Blvd. Lincoln, NE on July 28, 2004 at 9:00 A.M. The following firms were in attendance: HDR, Black & Veatch, Carollo Engineers, McDonald & Warger, Inc., Olsson Associates, Kirkham Michael, CDM, The Schemmer Associates, The Flatwater Group, Inc., and Heartland Center.

The format for this addenda will detail questions asked, answers given and clarifications and statements made. Q=Question, A=Answer, C=Clarification and S=Statement.

The meeting was opened with general comments and review of scope of services. All participants were introduced and the following information was addressed:

- S:** Questions or request for clarifications will be received until NOON, August 11, 2004.
- S:** This project is funded in part by FEMA, and the consultant contract is subject to federal guidelines (e.g. Bacon-Davis Act).
- C:** Section 6 Proposal Contents: The length of the proposal is expected not to exceed 10 single-sided 8 ½" x 11" pages. The cover sheet/letter, reference sheets, any tab sheets, and specific project pages are not included in this page count. **All** other items are included in the page count (e.g. organizational chart, project approach, etc). Further questions on proposal length will not be responded to (do the best you can with the information given).
- S:** Section 6.3.1.1 reads: For each project list the project name and location, contact name and work number, time to complete the project, key personnel involved and estimated *construction* cost of each. Replace word *construction* with the word, *study*.
- Q:** On page 1 of the Mapping Activity Statement the reach length on Salt Creek conflicts with 2.1.2 of the RFP, which should be considered?
- A:** Use the information in the RFP which states approximately 27 miles of main stem.
- Q:** Is mapping done for existing or future conditions?
- A:** Existing conditions.
- Q:** Will the City want a link to the City's website by the selected consultant.
- A:** Yes, although this is not stated in the RFP, a web site would be another public facilitation venue that would help in letting the public know what is happening on Salt Creek.
- Q:** What is the number of Gage Stations on Salt Creek?
- A:** 06803000 Salt Creek at Roca, NE (May 1951 to current), 06803080 Salt Creek at Pioneers Blvd (August 1994 to current), 06803093 Haines Branch at SW 56th - trib to Salt Creek (October 1994 to current), 06803170 Middle Creek at SW 40th - trib to Salt Creek (October 1994 to current), 06803486 Oak Creek at Air Park Rd - trib to Salt Creek (Oct 1999 to Sept 2000), 06803500 Salt Creek 1 mile downstream from Oak Creek (October 1949 to current), 06803510 Little Salt Creek - trib to Salt Creek (January 1969 to current), 06803513 Salt Creek at 70th (August 1994 to current), 06803529 Stevens Creek - trib to Salt Creek (October 1968 to current), 06803525 Salt Creek below Stevens Creek (January 1994 to current).

**Q:** Will the City of Lincoln provide land use data or will the Consultant develop this?

**A:** The City will provide maps that will show existing land use.

**Q:** Section 2.1.1.1. LIDAR and maps, what specifics will this include?

**A:** The City has bare earth data in a x, y, and z format. The successful consultant will be provided this information. Break line information from previous 2-ft contour data will also be made available.

**Q:** What is the extent of the LiDAR data and 2 foot data?

**A:** The map provided during the pre-proposal meeting (attached) shows the outer limits of the available LiDAR data as well as the two foot data.

**Q:** Who performed the topographic data?

**A:** Photo Science, the first flight was flown November 2003.

**Q:** Are levies certified?

**A:** The levies were sponsored by USACE and under some cases stream bank rehabilitation projects are funded in part or entirely by USACE. They are not certified 100 year levies.

**Q:** What is the CIP project number for the City?

**A:** The RFP Specification number is 04-198. The CIP project number for this segment for the RFP can be considered at 701685.

**Q:** What are the reoccurrence levels contained within the levee?

**A:** Varies widely, there are parts that are at 40 and others at a 50-75 year flood event.

**Q:** What is the desired outlook in regards to public facilitation when this project is complete?

**A:** For the remapped floodplain to be accepted widely by the public and to have it based on a solid technical background.

**Q:** To what extent will Bridge surveys be complete?

**A:** As-builts for most of the bridges will be made available by the city. Currently we don't have as-builts on railroad bridges.

**Q:** Are there any major projects in this area going on?

**A:** None that are known at this time that will be completed within the next year.

**Q:** Section 2.1.1.5 *Provide assistance with the city's submittal of Mapping Activity State 10, including concerns or questions regarding this activity raised by the subsequent AQ/AC review.* What is expected of the firm?

**A:** See page 13 of the Mapping Activity Statement, Activity 10. The firm will be expected to assist in all areas listed.

- Q:** Section 2.2.3 discusses stakeholder meetings. Who does the City anticipate will be at these meetings?
- A:** There are several area neighborhood groups, interested business groups, environmental groups and interested citizens.
- Q:** What is Black and Veatch's involvement in this project?
- A:** Black and Veatch works for FEMA and will be involved in taking the City's final product and along with FEMA take it to final map production.
- C:** In response to an earlier email, Black and Veatch is allowed to respond to the RFP. A close reading of the Mapping Activity Statement should assist in clarifying Black and Veatch's role in this process.
- S:** All material shown at the pre-proposal meeting and any other currently gathered material is available for review at 901 N. 6th Street, Lincoln, NE 68046. Contact Ben Higgins at 402-441-7589 to make an appointment to review this material.
- S:** Handouts at the preproposal conference are attached.

Dated this 30<sup>th</sup> day of July, 2004

Mary L. Matson  
Assistant Purchasing Agent

RFP Spec No. 04-198  
DFIRM Production and Development of Updated Flood Data  
for  
Salt Creek

CITY AVAILABLE INFORMATION or REFERENCES

*Handed out at Pre-Proposal Meeting and also subsequent Mailing*

1. GIS Map of Salt Creek Bridges (see also Item 17)
2. GIS Map of LOMR Permits in Floodplain since 2001(see also Item 18)
3. GIS Map of Lincoln Topographic Data Summary (see also Item 19)

*To Be Made Available to Selected Consultant*

4. Section 205 Feasibility Study for Lincoln, NE Salt Creek 1994 (USACE study in large three ring binder)
5. Operations and Maintenance Manual, Salt Creek and its Tributaries Flood Protection Project, Lincoln, NE 1995 (USACE study in large three ring binder)
6. Appendix to O&M Manual, Criteria for Levee Pipe Line Crossings, February 1986 (USACE document 14 pgs)
7. Report on Capacity of Flood Water Channels, Sanitary District No. 1, Lancaster County, NE, Lincoln, NE March 1943 (14 pgs)
8. Middle Creek and Oak Creek Flood Storage Detention Area Pre Feasibility Study, January 1996, HWS (geotechnical report)
9. Salt Creek at Wilderness Park Hydrologic Study, June 1999 (USACE comb bond document)
10. SWMM subbasin boundary maps for Salt Creek, six sheets (from HDR)
11. Beal Slough Stormwater Master Plan, Olsson Associates and Wright Water Engineers, May 2000 (11" x 17" comb bound document). Also available at Lincoln public library. Being updated through separate DFIRM on-going study
12. Southeast Upper Salt Creek Watershed Stormwater Master Plan, Olsson Associates, October 2003 (11" x 17" comb bound document), Also available at Lincoln public library.
13. Stevens Creek Watershed Basin Plan, CDM, on-going study, Hydrologic information

currently available.

14. Cardwell Branch Watershed Basin Plan, USGS, on-going study, Hydrologic information currently available
15. Hydrology Salt Creek and Tributaries, Lincoln, NE, date and author unknown (approximate 30 pg report)
16. Interim Stormwater Hydrology and Hydraulics Report for Lower Little Salt Creek Watershed, Olsson Associates, February 2004 (11" x 17" comb bound document)
17. As-Built bridge information on most Salt Creek bridges
18. Copy of LOMR permits
19. 2003 LiDAR Data Set (breaklines still being developed)
20. GIS Map of gage data along Salt Creek
21. USACE information from previous H&H studies

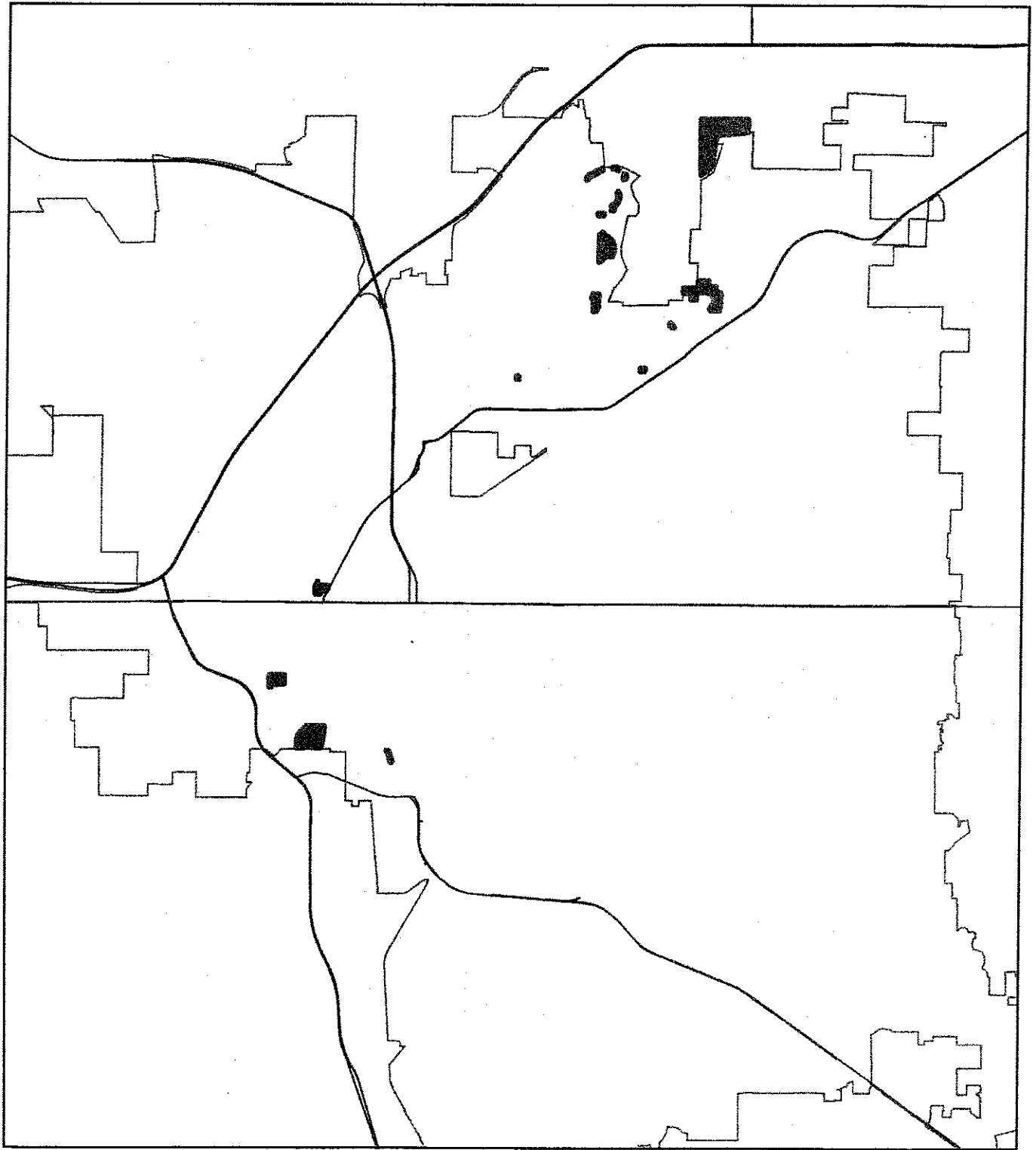
*Available Upon Request*

22. Electronic SWMM files: Salt150.swm, Salt Creek below Haines Branch 50 yr; Salt250.swm, Oak Creek Branch 50 yr; Salt350.swm, Little Salt Creek 50 yr
23. Electronic HEC2-BPR files: Salt9.dat, 1983 run with proposed bridge on 27th Street; Salt10.dat, 1980 floodway run; Salt11.dat, 1980 run with flows confined through levee system; Salt12.dat, 1980 unconfined run

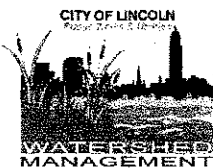
*Other Information*

24. Gage information for Salt Creek available on USGS web site
25. Streambed Adjustment and Channel Widening in Eastern Nebraska, WRI Report 03-4003, 2003 (USGS published report). Obtain from USGS at 402-437-5082

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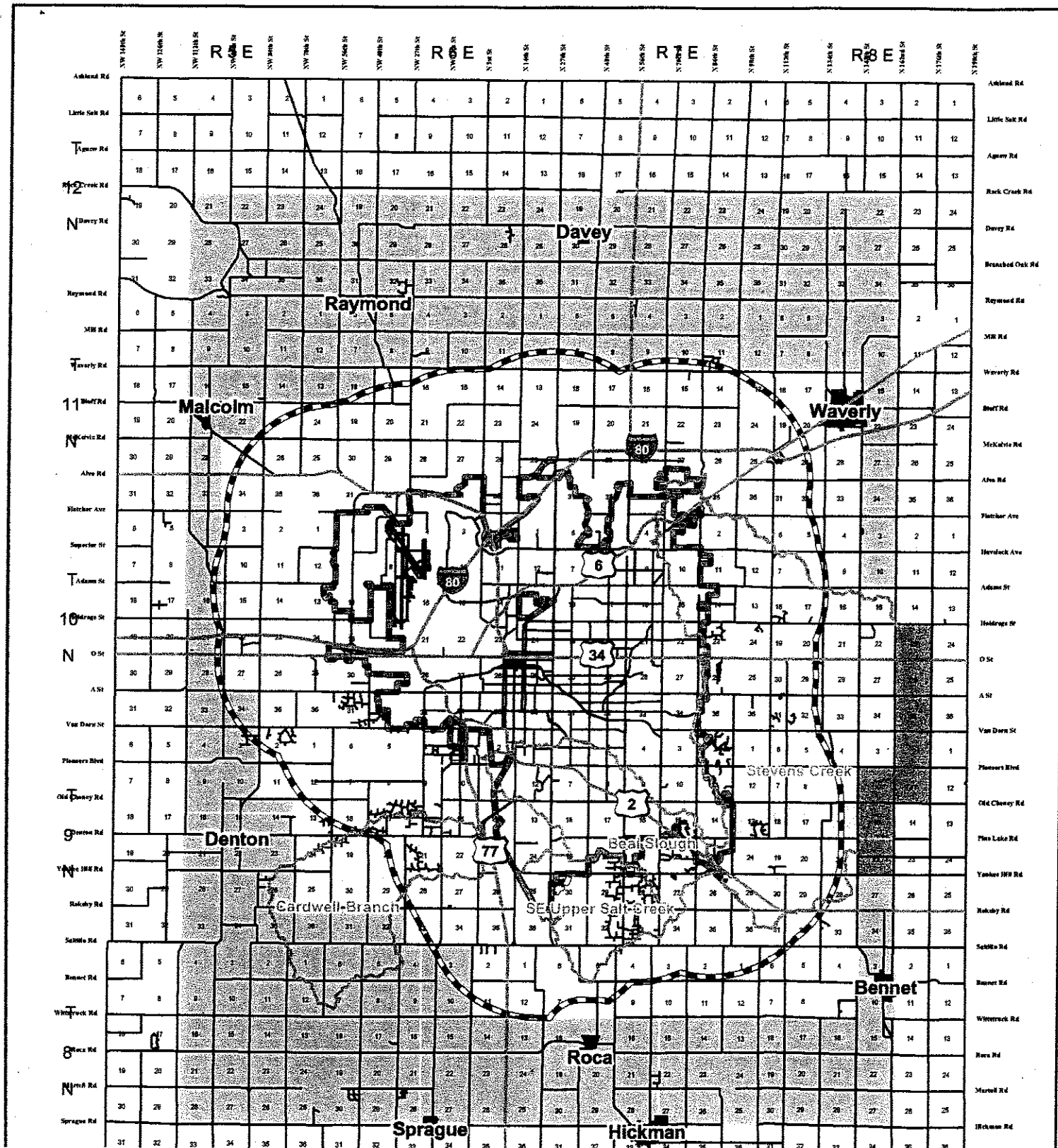


## LOMR Permits in the Floodplain Since 2001



### Legend

 Parcels Removed from Floodplain (111)



## City of Lincoln Topographic Data Summary



— Major Streets  
— Highway

Salt Creek  
Floodplain  
Remapping

Areas LIDAR Data  
Utilized in  
Steven's Crk MP

2' Contours (1997)

LIDAR Coverage Area (2003)

10' USGS Contours  
(Used for Steven's Crk MP)

